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Title: **JP2002161623A2: EXTERNAL-FACING BACKING STRUCTURE AND EXTERNAL-FACING BACKING CONSTRUCTION METHOD**

Derwent Title: Exterior foundation structure in building, has wall to support cement board layer whose outer surface is coated with cement mortar [\[Denwent Record\]](#)

Country: JP Japan
Kind: A2 Document Laid open to Public inspection [\[View\]](#)

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Application Number: JP2000000359862

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Abstract: PROBLEM TO BE SOLVED: To propose a quite new semi-drying and semi-wet type external facing backing structure in which not only design properties, maintainability and reproducibility but also workability and quality characteristics are improved.

SOLUTION: The external-facing backing structure contains a cement board layer 3 supported on the outside of an exterior-wall skeleton layer 1 and a cement mortar layer 4 applied on the external side face of the cement board layer 3. The cement board



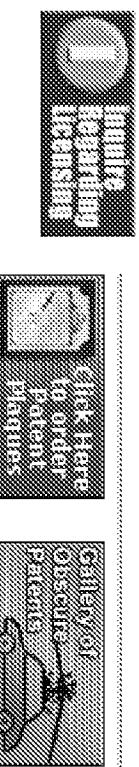
1 page

layer 3 is constituted by laying and arranging a plurality of cement boards 3a, 3a and the like in a plane shape, joints 3b are filled with cement mortar, and the cement board layer 3 is covered with a glass fiber net 4a from the outsides of the joints. Both surfaces of the cement board layer 3 are reinforced by the glass fiber nets, and irregularities are formed to the external side face of the cement board layer 3. A ventilation space layer 2 is formed between the exterior-wall skeleton layer 1 and the cement board layer 3.

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